

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT,PGPB; PLUR=YES; OP=OR

L10 ((mqo\$3 or (malat\$3 same dehydrogenas\$3) or (malat\$3 same oxidas\$3) or (malat\$3 same oxidoreductas\$3)) same produc\$4 same ((amino\$3 same acid\$3) or lysin\$4 or threoni\$4)).clm.

18 L10

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L9 l8 and (molenaar or rest or mockel).in.

7 L9

L8 L7 and ((lysin\$3 or threoni\$3) same produc\$4)

30 L8

L7 (coryne\$8 or glutamicu\$3) same (mqo\$3 or (malat\$3 same dehydrogenas\$3) or (malat\$3 same oxidas\$3) or (malat\$3 same oxidoreductas\$3))

32 L7

DB=EPAB; PLUR=YES; OP=OR

L6 1038969

1 L6

DB=DWPI; PLUR=YES; OP=OR

L5 2002086137

2 L5

L4 mqo\$3 and glutamicu\$3 and coryne\$8 and bath\$3 and farwick\$3

3 L4

L3 mqo\$3 and glutamicum\$2 and farwick\$3 and marx\$3

0 L3

L2 mqo\$3 and glutamicum\$2 and Farwick\$3

6 L2

L1 sugimoto\$3 and coryneform\$3 and malat\$3 and dehydrogenas\$3

1 L1

END OF SEARCH HISTORY

> d his

(FILE 'HOME' ENTERED AT 18:54:48 ON 28 AUG 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON 28 AUG 2003

SEA (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?

9 FILE AGRICOLA
1 FILE ANABSTR
5 FILE AQUASCI
12 FILE BIOBUSINESS
185 FILE BIOSIS
82 FILE BIOTECHABS
82 FILE BIOTECHDS
75 FILE BIOTECHNO
58 FILE CABA
10 FILE CANCERLIT
641 FILE CAPLUS
5 FILE CEABA-VTB
2 FILE CROPB
1 FILE CROPU
12 FILE DDFB
3 FILE DDFU
11 FILE DGENE
12 FILE DRUGB
3 FILE DRUGU
1 FILE EMBAL
247 FILE EMBASE
18 FILE ESBIODBASE
0* FILE FEDRIP
2 FILE FROSTI
11 FILE FSTA
61 FILE GENBANK
86 FILE IFIPAT
9 FILE JICST-EPLUS
34 FILE LIFESCI
116 FILE MEDLINE
5 FILE NIOSHTIC
6 FILE NTIS
2 FILE OCEAN
20 FILE PASCAL
2 FILE RDISCLOSURE
30 FILE SCISEARCH
161 FILE TOXCENTER
1034 FILE USPATFULL
19 FILE USPAT2
1 FILE VETU
100 FILE WPIDS
100 FILE WPINDEX
2 FILE NAPRALERT

L1 QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO

FILE 'USPATFULL, CAPLUS, EMBASE, BIOSIS, TOXCENTER, MEDLINE, WPIDS, IFIPAT, BIOTECHDS, BIOTECHNO, GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

L2 2788 S (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO? O
L3 1174 S (CORYNE? OR GLUTAMICU?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?
L4 374 S (CORYNE? OR GLUTAMICU?)(S)((MALAT?(S)DEHYDROGENA?) OR MQO? OR
L5 183 DUP REM L4 (191 DUPLICATES REMOVED)
L6 92 S L5 AND ((LYSIN? OR THREON?)(S)PRODUC?)
L7 73 S L5 AND (AMIN?(S)ACID?(S)PRODUC?)

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Feb 24	PCTGEN now available on STN
NEWS	4	Feb 24	TEMA now available on STN
NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	8	Mar 24	PATDPAFULL now available on STN
NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS	14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28	RDISCLOSURE now available on STN
NEWS	16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19	Simultaneous left and right truncation added to WSCA
NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	22	Jun 06	PASCAL enhanced with additional data
NEWS	23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	24	Jun 25	HSDB has been reloaded
NEWS	25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS	26	Jul 21	Identification of STN records implemented
NEWS	27	Jul 21	Polymer class term count added to REGISTRY
NEWS	28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	36	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS	37	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS	38	AUG 18	Simultaneous left and right truncation added to ANABSTR
NEWS EXPRESS			April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON 28 AUG 2003

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (coryne? or glutamic?) and ((malat?(s)dehydrogena?) or mqo? or (malat?(s)oxidas?) or (malat?(s)oxidoreduct?))

9	FILE AGRICOLA
1	FILE ANABSTR
5	FILE AQUASCI
12	FILE BIOBUSINESS
185	FILE BIOSIS
82	FILE BIOTECHABS
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75	FILE BIOTECHNO
58	FILE CABA
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641	FILE CAPLUS
5	FILE CEABA-VTB
2	FILE CROPB
1	FILE CROPU
12	FILE DDFB
3	FILE DDFU
11	FILE DGENE
12	FILE DRUGB

25 FILES SEARCHED...

3	FILE DRUGU
1	FILE EMBAL
247	FILE EMBASE
18	FILE ESBIODBASE
0*	FILE FEDRIP
2	FILE FROSTI
11	FILE FSTA
61	FILE GENBANK

86 FILE IFIPAT
 9 FILE JICST-EPLUS
 34 FILE LIFESCI
 116 FILE MEDLINE
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58 FILES SEARCHED...

30 FILE SCISEARCH
 161 FILE TOXCENTER
 1034 FILE USPATFULL
 19 FILE USPAT2
 1 FILE VETU
 100 FILE WPIDS
 100 FILE WPINDEX
 2 FILE NAPRALERT

42 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO? OR (MALAT?
 ?(S) OXIDAS?) OR (MALAT?(S) OXIDOREDUCT?))

=> d rank

F1	1034	USPATFULL
F2	641	CAPLUS
F3	247	EMBASE
F4	185	BIOSIS
F5	161	TOXCENTER
F6	116	MEDLINE
F7	100	WPIDS
F8	100	WPINDEX
F9	86	IFIPAT
F10	82	BIOTECHABS
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F12	75	BIOTECHNO
F13	61	GENBANK
F14	58	CABA
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F17	20	PASCAL
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F19	18	ESBIOBASE
F20	12	BIOBUSINESS
F21	12	DDFB
F22	12	DRUGB
F23	11	DGENE
F24	11	FSTA
F25	10	CANCERLIT
F26	9	AGRICOLA
F27	9	JICST-EPLUS
F28	6	NTIS
F29	5	AQUASCI
F30	5	CEABA-VTB
F31	5	NIOSHTIC
F32	3	DDFU
F33	3	DRUGU
F34	2	CROPB
F35	2	FROSTI
F36	2	OCEAN
F37	2	RDISCLOSURE
F38	2	NAPRALERT
F39	1	ANABSTR
F40	1	CROPU

F41 1 EMBAL
F42 1 VETU

=> file f1-f13

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.75	2.96

FULL ESTIMATED COST

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FILE 'GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

=> s (coryne? or glutamic?) and ((malat?(s)dehydrogena?) or mgo? or
(malat?(s)oxidas?) or (malat?(s)oxidoreduct?))
L2 2788 (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO? OR
(MALAT?(S) OXIDAS?) OR (MALAT?(S) OXIDOREDUCT?))

=> s (coryne? or glutamicu?) and ((malat?(s)dehydrogena?) or mgo? or
(malat?(s)oxidas?) or (malat?(s)oxidoreduct?))
L3 1174 (CORYNE? OR GLUTAMICU?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO?
OR (MALAT?(S) OXIDAS?) OR (MALAT?(S) OXIDOREDUCT?))

=> s (coryne? or glutamicu?) (s) ((malat?(s)dehydrogena?) or mgo? or
(malat?(s)oxidas?) or (malat?(s)oxidoreduct?))
L4 374 (CORYNE? OR GLUTAMICU?) (S) ((MALAT?(S) DEHYDROGENA?) OR MQO? OR
(MALAT?(S) OXIDAS?) OR (MALAT?(S) OXIDOREDUCT?))

=> dup rem l4

DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4

L5 183 DUP REM L4 (191 DUPLICATES REMOVED)

=> s l5 and ((lysin? or threoni?)(s)produc?)
7 FILES SEARCHED...

L6 92 L5 AND ((LYSIN? OR THREONI?)(S) PRODUC?)

=> s l5 and (amin?(s)acid?(s)produc?)
3 FILES SEARCHED...
6 FILES SEARCHED...
7 FILES SEARCHED...
10 FILES SEARCHED...

L7 73 L5 AND (AMIN?(S) ACID?(S) PRODUC?)

=> d ti l6 1-92

L6 ANSWER 1 OF 92 USPATFULL on STN
TI Novel nucleotide sequences coding for the citeE gene

L6 ANSWER 2 OF 92 USPATFULL on STN
TI Novel nucleotide sequences coding the citeE gene

L6 ANSWER 3 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the sahH gene

L6 ANSWER 4 OF 92 USPATFULL on STN
TI Corynebacterium glutamicum genes encoding metabolic pathway proteins

L6 ANSWER 5 OF 92 USPATFULL on STN
TI Process for the production of L-amino acids by fermentation using
coryneform bacteria

L6 ANSWER 6 OF 92 USPATFULL on STN
TI Novel Polynucleotides

L6 ANSWER 7 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the luxS gene

L6 ANSWER 8 OF 92 USPATFULL on STN
TI Process for the fermentative preparation of L-amino acids using
coryneform bacteria

L6 ANSWER 9 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the chrA gene

L6 ANSWER 10 OF 92 USPATFULL on STN
TI Process for the fermentative preparation of L-threonine

L6 ANSWER 11 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the def gene

L6 ANSWER 12 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the mike17 gene

L6 ANSWER 13 OF 92 USPATFULL on STN
TI Sequences which code for the sigE gene

L6 ANSWER 14 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the menE gene

L6 ANSWER 15 OF 92 USPATFULL on STN
TI Nucleotide sequences coding for the pepC gene

L6 ANSWER 16 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the eno gene

L6 ANSWER 17 OF 92 USPATFULL on STN
 TI Nucleotide sequences which code for the mdhA gene

L6 ANSWER 18 OF 92 USPATFULL on STN
 TI Nucleotide sequences which encode the gpsA gene

L6 ANSWER 19 OF 92 USPATFULL on STN
 TI Nucleotide sequences coding for the lipA gene

L6 ANSWER 20 OF 92 USPATFULL on STN
 TI Process for the production of L-amino acids by fermentation using coryneform bacteria

L6 ANSWER 21 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Genetically modified Corynebacterium glutamicum with genes dctQ and sodit inactivated for the fermentative **production of lysine**

L6 ANSWER 22 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Genetically modified Corynebacterium glutamicum with gene dctA inactivated for the fermentative **production of lysine**

L6 ANSWER 23 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Production of L-amino acids by Corynebacterium glutamicum strains with attenuated otsB, treY or treZ genes

L6 ANSWER 24 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Enhanced L-**lysine production** from Corynebacterium glutamicum strains bearing two copies of lysCFBR gene

L6 ANSWER 25 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Mutations in the mgo gene of a amino acid-producing **Corynebacterium glutamicum** affecting yields

L6 ANSWER 26 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Mutations in the rpoB gene of a **lysine-producing** Corynebacterium glutamicum affecting yields of **lysine**

L6 ANSWER 27 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI The mtrA and mtrB genes of Corynebacterium encoding two-component signal transduction pathway for use in engineering lysine biosynthesis

L6 ANSWER 28 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI The cysQ gene of Corynebacterium encoding a transport protein for use in engineering lysine biosynthesis

L6 ANSWER 29 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of hemD and hmb gene from corynebacteria and use thereof in **production of L-lysine**

L6 ANSWER 30 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of fadD15 gene from corynebacteria and use thereof in **production of L-lysine**

L6 ANSWER 31 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI The dep67 gene of Corynebacterium encoding an efflux protein for use in engineering lysine biosynthesis

L6 ANSWER 32 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI The cobW gene of Corynebacterium encoding a cobalamin synthesis related protein for use in engineering lysine biosynthesis

L6 ANSWER 33 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of msik gene from corynebacteria and use thereof in **production of L-lysine**

L6 ANSWER 34 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of truB gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 35 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ppgK gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 36 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of thyA gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 37 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of dctA gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 38 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ndkA gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 39 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of dps gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 40 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ppsA gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 41 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of pknB gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 42 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ptsI gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 43 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ccsB gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 44 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of ftsX gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 45 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of rodA gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 46 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of atr61 gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 47 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of pknD gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 48 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of sahH gene from corynebacteria and use thereof in
production of L-lysine or L-methionine

L6 ANSWER 49 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
 TI Sequences of gpmB gene from corynebacteria and use thereof in
production of L-lysine

L6 ANSWER 50 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Sequences of gap2 gene from corynebacteria and use thereof in **production of L-lysine**

L6 ANSWER 51 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed plsC gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 52 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with attenuated mdhA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 53 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed gpsA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 54 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed pgsA2 gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 55 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed cdsA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 56 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed cma gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 57 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Genetically modified Coryneform bacteria with overexpressed fadD15 gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 58 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Corynebacterium dapC gene and transaminase and recombinant coryneform bacteria for L-lysine preparation

L6 ANSWER 59 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Corynebacterium poxB gene and its use in preparation of lysine

L6 ANSWER 60 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI L-Amino acid biosynthesis in genetically engineered **coryneform** bacteria with enhanced **malate dehydrogenase** activity

L6 ANSWER 61 OF 92 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN

TI Pathway analysis and metabolic engineering in Corynebacterium glutamicum.

L6 ANSWER 62 OF 92 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN

TI Influence of increased aspartate availability on lysine formation by a recombinant strain of Corynebacterium glutamicum and utilization of fumarate.

L6 ANSWER 63 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New isolated polynucleotide from coryneform bacteria, useful for increasing production of amino acids, comprises extended genes for 1- or 6- phosphofructokinase.

L6 ANSWER 64 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New nucleic acid encoding ribosomal protein 12 of coryneform bacteria, useful, when overexpressed, for increasing fermentative amino acid synthesis.

L6 ANSWER 65 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New nucleic acid encoding citrate-lyase E from coryneform bacteria, useful, when suppressed, for increasing fermentative production of amino acids.

L6 ANSWER 66 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI Fermentative **production** of L-amino acids, especially **lysine** or valine, by fermenting Coryneform bacteria in which the nadA and/or nadC gene is weakened.

L6 ANSWER 67 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New hemD and hemB genes and polypeptides of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 68 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI RodA genes from coryneform bacteria, useful, when overexpressed, for increasing fermentative **production** of L-amino acid, especially L-**lysine**.

L6 ANSWER 69 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New ftsX gene from coryneform bacteria, useful, when over expressed, for increasing fermentative **production** of L-amino acid, especially L-**lysine**.

L6 ANSWER 70 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New ccpA2 gene from coryneform bacteria, useful, when suppressed, for increasing fermentative **production** of L-amino acids, particularly **lysine**.

L6 ANSWER 71 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New oxyR gene from coryneform bacteria, useful, when overexpressed, for increasing fermentative **production** of L-amino acids, particularly **lysine**.

L6 ANSWER 72 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New ccpA1 gene from coryneform bacteria, useful, when suppressed, for increasing fermentative **production** of L-amino acids, particularly **lysine**.

L6 ANSWER 73 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New tmk gene of Coryneform bacteria, useful when suppressed, for increasing fermentative production of L-amino acids, encodes a thymidylate kinase.

L6 ANSWER 74 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New menE gene of coryneform bacteria, useful when suppressed for increasing fermentative production of L-amino acids, encodes an O-succinylbenzoic acid CoA-ligase.

L6 ANSWER 75 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New pepC gene of Coryneform bacteria, useful when suppressed, for increasing fermentative production of L-amino acids, encodes an aminopeptidase I.

L6 ANSWER 76 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New dps gene of coryneform bacteria, useful when overexpressed, for increasing fermentative production of L-amino acids, encodes a DNA-protection protein.

L6 ANSWER 77 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New dep34 gene from coryneform bacteria, useful, when inactivated, for increasing fermentative **production** of L-amino acid, especially L-**lysine**.

L6 ANSWER 78 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
 TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine** or glutamate, has increased activity of cyclopropane-mycolic acid synthase.

L6 ANSWER 79 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of acyl-CoA synthase.

L6 ANSWER 80 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of CDP-diacylglycerol-3-phosphate 3-phosphatidyltransferase.

L6 ANSWER 81 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of phosphatidate-cytidylyl transferase.

L6 ANSWER 82 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI Preparation of L-amino acids, e.g. L-**lysine**, L-**threonine** or L-isoleucine, useful in animal nutrition or in human medicine, comprises fermenting L-amino acid-**producing** coryneform bacteria with amplification of the tkt gene.

L6 ANSWER 83 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI Preparing L-amino acids by fermenting coryneform bacteria transformed with the glucose 6-phosphate dehydrogenase gene is particularly useful to **produce** L-**lysine** and L-**threonine**.

L6 ANSWER 84 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New isolated polynucleotide encoding phosphofructokinase A of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 85 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New isolated polynucleotide encoding phosphoglycerate mutase of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 86 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New isolated polynucleotide encoding phosphofructokinase of coryneform bacteria, useful, when over expressed, for increasing fermentative production of amino acids.

L6 ANSWER 87 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI Production of L-amino acids, useful in medicine and animal nutrition, by culturing bacteria in which the cspl gene is suppressed.

L6 ANSWER 88 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New transformed microorganisms for producing products such as ethanol, amino acids, polyalkoxyalkanoate or pentitols.

L6 ANSWER 89 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN

TITLE (TI): The complete genome sequence of Mycobacterium bovis

TITLE (TI): Direct Submission

L6 ANSWER 90 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN

TITLE (TI): Complete genome sequence of the model actinomycete Streptomyces coelicolor A3(2)

TITLE (TI): Direct Submission

L6 ANSWER 91 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN

TITLE (TI): Massive gene decay in the leprosy bacillus

TITLE (TI): Direct Submission

L6 ANSWER 92 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN

TITLE (TI): Complete DNA sequence of a serogroup A strain of
Neisseria meningitidis Z2491
TITLE (TI): Direct Submission

=> d his

(FILE 'HOME' ENTERED AT 18:54:48 ON 28 AUG 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON
28 AUG 2003

SEA (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?

9 FILE AGRICOLA
1 FILE ANABSTR
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19 FILE USPAT2
1 FILE VETU
100 FILE WPIDS
100 FILE WPINDEX
2 FILE NAPRALERT.

L1

QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO

FILE 'USPATFULL, CAPLUS, EMBASE, BIOSIS, TOXCENTER, MEDLINE, WPIDS,
IFIPAT, BIOTECHDS, BIOTECHNO, GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

L2 2788 S (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO? O
 L3 1174 S (CORYNE? OR GLUTAMICU?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?
 L4 374 S (CORYNE? OR GLUTAMICU?) (S) ((MALAT?(S)DEHYDROGENA?) OR MQO? OR
 L5 183 DUP REM L4 (191 DUPLICATES REMOVED)
 L6 92 S L5 AND ((LYSIN? OR THREONI?) (S) PRODUC?)
 L7 73 S L5 AND (AMIN?(S)ACID?(S) PRODUC?)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
152.56	155.52

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 19:09:20 ON 28 AUG 2003